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मानक

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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 12533 (1988): Sizes of paper in rolls for phototypesetting and photolettering devices [CHD 5: Electroplating Chemicals and Photographic Materials]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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IS : 12533 - 1988

(Reaffirmed 1997)

Indian Standard

**SPECIFICATION FOR SIZES OF
PAPER IN ROLLS FOR PHOTOTYPESETTING
AND PHOTOLETTERING DEVICES**

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BUREAU OF INDIAN STANDARDS
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG
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Indian Standard

SPECIFICATION FOR SIZES OF PAPER IN ROLLS FOR PHOTOTYPESETTING AND PHOTOLETTERING DEVICES

0. FOREWORD

0.1 This Indian Standard was adopted by the Bureau of Indian Standards on 29 July 1988, after the draft finalized by the Photographic Materials Sectional Committee had been approved by the Chemical Division Council.

0.2 This standard covers the sizes of paper in rolls for phototypesetting and photolettering devices. In formulation of this standard, considerable assistance has been drawn from ISO/DIS 6408 'Photography—Papers in rolls for phototypesetting and photolettering devices—

Dimensions and labelling', issued by the International Organization for Standardization (ISO).

0.3 In reporting the result of a test or analysis made in accordance with this standard, if the final value, observed or calculated, is to be rounded off, it shall be done in accordance with IS : 2-1960*.

*Rules for rounding off numerical values (*revised*).

1. SCOPE

1.1 This standard specifies the sizes of paper in rolls for phototypesetting and photolettering devices. The method of marking packed paper has also been covered.

2. DIMENSIONAL STABILITY

2.1 The cutting dimensions and tolerances specified in this standard apply to the paper at the time of cutting. Dimensions may alter by permanent ageing or by temporary shrinkages or swelling because of changes in moisture content or temperature, depending upon the type of paper base. However, the dimensions of the paper at the time of opening the package, shall not vary by more than ± 0.2 percent from the cutting dimensions.

3. SIZES

3.1 The nominal and actual sizes of paper for phototypesetting and photolettering devices, in roll form, shall conform to the sizes given in Table 1.

3.2 The length of the paper shall be as agreed to between the purchaser and the supplier.

4. WINDING ORIENTATION

4.1 The preferred winding orientation shall be emulsion in.

5. SPLICES

5.1 There shall be no splice on the paper.

**TABLE 1 SIZE OF PAPERS IN ROLLS
FOR PHOTOTYPESETTING AND
PHOTOLETTERING DEVICES**

(Clause 3.1)

Sl No.	NOMINAL WIDTH mm	ACTUAL WIDTH	
		Min mm	Max mm
(1)	(2)	(3)	(4)
i)	76.2	75.7	76.2
ii)	101.6	101.1	101.6
iii)	152.4	151.6	152.4
iv)	203.2	202.4	203.2
v)	457.0	455.4	457.0

6. CORE DIMENSIONS

6.1 Length — The core length shall be equal to the nominal paper width with a tolerance of + 0 mm and - 1.0 mm.

6.2 Internal Diameter — The internal diameter of the core shall be as agreed to between the purchaser and the supplier.

7. MARKING

7.1 Each package shall be marked with, besides other normal information, the nominal width of the paper contained in it.

7.2 The packages may also be marked with the Standard Mark.

NOTE — The use of the Standard Mark is governed by the provisions of the Bureau of Indian Standards

Act 1986 and the Rules and Regulations made thereunder. The Standard Mark on products covered by an Indian Standard conveys the assurance that they have been produced to comply with the requirements of that standard under a well-defined system of inspection, testing and quality control which is devised and supervised by BIS and operated by the producer. Standard marked products are also continuously checked by BIS for conformity to that standard as a further safeguard. Details of conditions under which a licence for the use of the Standard Mark may be granted to manufacturers or processors may be obtained from the Bureau of Indian Standards.

7.3 Recommended series of quantities for packing are given in IS : 5381-1969*.

8. SAMPLING

8.1 Lot—All the rolls of same size produced under similar conditions shall be put together to constitute a lot.

8.1.1 In order to ascertain the conformity of the lot to the requirements of this specification, sample shall be tested from each lot separately.

8.2 The number of rolls to be chosen from the lot shall depend upon the size of the lot and shall be in accordance with col 1 and 2 of Table 2.

*Quantity packaging of sensitized photographic materials.

TABLE 2 NUMBER OF ROLLS TO BE SELECTED

Lot Size	No. of ROLLS TO BE SELECTED
(1)	(2)
Up to 15	2
16 to 25	3
26 to 100	5
101 and above	8

8.3 These rolls shall be chosen at random from the lot and in order to ensure the randomness of selection the procedure given in IS : 4905-1968* may be followed.

8.4 Criteria for Conformity—All these samples drawn in 8.3 shall be tested for dimensional stability, sizes, splices and core dimensions of the rolls. These tests shall be carried out only at the start of the roll. If any roll fails to satisfy any of these requirements, it shall be termed as defective. The lot shall be declared as conforming to these requirements if none of the samples fails. The lot shall be declared as conforming to the specification if it satisfied 8.4.

*Methods for random sampling.